

A. Permit Certificate

**MUNICIPAL
WASTEWATER REUSE PERMIT
LA-000174-03**

Hidden Springs Sewer Company, LLC, 5892 West Hidden Springs Drive, Hidden Springs, Idaho 83714, IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER REUSE RULES (IDAPA 58.01.17) AND WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **[60 months from final issuance date]**.

Pete Wagner
Boise Regional Office Administrator
Idaho Department of Environmental Quality

DRAFT

Date

**DEPARTMENT OF ENVIRONMENTAL QUALITY
1445 North Orchard
Boise, Idaho 83706-2239
(208) 373-0550**

POSTING ON SITE RECOMMENDED

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1. Plan of Operation (required under Compliance Activity No. CA-174-02)
2. Plan for Permit Compliance (required under Compliance Activity No. CA-174-03)

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000174-03 and are enforceable as such. This permit does not relieve Hidden Springs Sewer Company, LLC, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practice(s)
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – March 1 through October 31 (245 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 “Ground Water Quality Rule”
Guidance	Guidance for the Reclamation and Reuse of Municipal and Industrial Wastewater, DEQ
HLR _{gs}	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR _{gs} limit is specified in Section F. Permit Limits and Conditions.
HLR _{ngs}	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLR _{ngs} limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	<p>Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop, and calculated monthly during the growing season (GS). Calculation methodology for the IWR can be found at the following website: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. The equation used to calculate the IWR at this website is:</p> $IWR = (CU - P_e) / E_i$ <p>CU is the monthly consumptive use for a given crop in a given climatic area. CU is synonymous with crop evapotranspiration.</p> <p>P_e is the effective precipitation. CU minus P_e is synonymous with the net irrigation requirement (IR).</p> <p>E_i is the irrigation system efficiency. To obtain the gross irrigation water requirement (IWR), divide the IR by the irrigation system efficiency.</p>
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per WLAP Reporting Year)
NGS	Non-Growing Season – November 1 through February 29 (120 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
Reuse	The use of reclaimed wastewater for beneficial uses including, but not limited to, land treatment, irrigation, aquifer recharge, use in surface water features, toilet flushing in commercial buildings, dust control, and other uses.
Reuse Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year (i.e., November 1 – October 31). For example, the 2000 Reporting Year was November 01, 1999 through October 31, 2000.
SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation water applied to the land application treatment site.

C. Abbreviations, Definitions

Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
Permittee	Hidden Springs Sewer Co., LLC
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA's) for point sources, Load Allocations (LA's) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i>
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown, or other values as approved by DEQ. Typical Crop Uptake is determined for each hydraulic management unit.
USGS	United States Geological Survey
WW	Wastewater applied to the land application treatment site
WWTP	Wastewater Treatment Plant

D. Facility Information

Legal Name of Permittee	Hidden Springs Sewer Company, LLC
Type of Wastewater	Class B Municipal Wastewater
Method of Treatment	Lagoon (anaerobic/aerobic) treatment, sand filtration, chlorine disinfection, and slow-rate land application
Type of Facility	Private, municipal wastewater treatment and reuse
Facility Location	Located in Ada County within Dry Creek Valley, principally between Cartwright Road and Seaman's Gulch Road
Legal Location	Township 4N, Range 2E, Sections 4, 5, and 6 Township 5N, Range 2E, Sections 28, 29, 31, 32, and 33
County	Ada
USGS Quads	Eagle and Boise North
Soils on Site	Loam, sandy loam, sandy clay loam
Depth to Ground Water	Depth to seasonal high ground water along Dry Creek and in the side valleys south of Dry Creek, 1 to 10 feet below ground surface during winter/spring. Depth to first water: 1 to 10 feet Depth to regional aquifer: 100 to 300 feet
Beneficial Uses of Ground Water	Domestic, agriculture/irrigation
Nearest Surface Waters	Dry Creek crosses the Hidden Springs site
Beneficial Uses of Surface Waters	Agriculture
Responsible Official Mailing Address Phone / Fax	Franklin A. Martin, President Hidden Springs Sewer Company, LLC 5892 W. Hidden Springs Drive Hidden Springs, ID 83714 (208) 229-2323 / (208) 229-2327

E. Compliance Schedule for Required Activities

The Activities in the following table shall be completed on or before the Completion Date unless modified by DEQ in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-174-01 Reuse Area Expansions As specified	Prior to putting a new or modified reclaimed wastewater reuse area (within a permitted hydraulic management unit) into service, plans and specifications must be reviewed and approved by DEQ. Such submittals shall include a site plan (map) of the reuse area including key land features, the proposed use of the area (agriculture, natural open space, landscape irrigation, or public access area), the irrigation system design, and the location of nearby buffer objects.
CA-174-02 Updated Plan of Operation One year after permit issuance	An updated Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater treatment and reuse facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include sampling and monitoring requirements to ensure proper operation of the wastewater treatment and reuse facilities. A description of the sample collection methods, including any QA/QC protocols necessary to ensure representative sampling, shall be included in the updated Plan of Operation. Upon approval, the updated Plan of Operation shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.
CA-174-03 Plan for Permit Compliance Final plan due six months after permit issuance	Submit for DEQ review and approval, a final Plan for Permit Compliance. The plan shall identify system improvements and operational controls that will be used to ensure that the reuse and distribution system will comply with the terms of this permit, including but not limited to: <ol style="list-style-type: none"> 1. Methodologies to be used to ensure and maintain even, controlled effluent applications to each HMU in accordance with the Irrigation Water Requirements (IWRs) of each site. This proposal should also address any issues related to pressure fluctuations, if such fluctuations interfere with the system's ability to provide even, controlled effluent applications. 2. Specific irrigation scheduling and routine operator oversight requirements to minimize human contact or any off-site drift from permitted HMUs. 3. Specific distribution modifications and/or Best Management Practice applications to eliminate the potential for any surface water discharges through runoff or off-site drift. <p>The Plan shall also contain an implementation schedule for these improvements. Status updates shall be provided to DEQ as needed, or within each annual report at a minimum. Upon approval, the Distribution System Plan shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.</p>
CA-174-04 Permit Renewal Application Six months prior to permit expiration date	Submit an application package to DEQ for permit renewal.

F. Permit Limits and Conditions

The permittee is allowed to apply wastewater and treat it on reuse sites as prescribed in the tables below and in accordance with all other applicable permit conditions and schedules.

Category	Permit Limits and Conditions
Type of Wastewater	Class B Municipal Wastewater
Reporting Year for Annual Loading Rates	January 1 through December 31
Application Sites* *NOTE: Appendix 1 contains site-specific descriptions of permitted areas.	<u>Agricultural</u> : 22.62 acres <u>Natural Open Spaces</u> : 78.70 acres <u>Landscape Irrigation</u> : 3.60 acres <u>Public Gathering Areas</u> : 26.96 acres <u>Total</u> : 131.88 acres
Application Season	March 1 through October 31
Wastewater Treatment and Reuse System Operation	The wastewater treatment facility and reuse systems shall be operated by personnel certified and licensed in the State of Idaho wastewater operator training program at the operator class level specified in IDAPA 58.01.16.203 of the <i>Wastewater Rules</i> , and properly trained to operate and maintain the system. Operation of the wastewater treatment system shall be monitored on a 24-hour basis for alarm conditions, including notification of the qualified operating personnel under alarm conditions.
Maximum Influent Flow Rate, Annual Average, gallons/day	274,500 gallons per day
Treatment Cell Effluent Limits, Monthly Average, mg/L	<ul style="list-style-type: none"> • BOD₅: 45 mg/l monthly average maximum • TSS: 45 mg/l monthly average maximum
Turbidity Limit, Filtration System Effluent prior to Chlorination, NTUs	<ul style="list-style-type: none"> • Instantaneous maximum shall not exceed 5 NTU • 24-hour average shall not exceed 2 NTU
Disinfection Requirement, Total Coliform Limit for Effluent to Distribution System, CFU/100 mL	The median number of total coliform organisms shall not exceed 2.2 per 100 milliliters, as determined from the results of the last seven (7) days for which analyses have been completed. In addition, the number of total coliform shall not exceed 23 per 100 milliliters in any confirmed sample.
Disinfection Requirement, Minimum Residual Chlorine for Effluent to Distribution System, mg/L	1.0 mg/L
Ground Water Quality	Wastewater reuse activities conducted by the permittee shall not cause a violation of the <i>Ground Water Quality Rule</i> , IDAPA 58.01.11.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
<p>Hydraulic Loading Rate Limit*, each Hydraulic Management Unit (HMU)</p> <p>*NOTE: The hydraulic limit includes treated wastewater <u>and</u> supplemental irrigation water applied onsite.</p>	<p>Growing Season (GS) Hydraulic Loading Rate shall be no greater than the IWR using data from the tables of the following University of Idaho web site: http://www.kimberly.uidaho.edu /water/ appndxet/index.shtml. The IWR is equal to the Mean IR data from these tables divided by the irrigation system efficiency. In lieu of these tables, current climatic and evaporation data, or 30-year average data may be used to calculate the IWR, as defined in Section C of this permit. Assume no carryover soil moisture and a leaching rate of zero in calculating the IWR.</p> <p>Monthly hydraulic loading rates to each HMU shall generally follow consumptive use rates for the crop throughout the season.</p>
<p>Maximum Nitrogen Loading Rate Limit*, pounds/acre-day, Natural Open Space Areas (HMU-017406)</p> <p>*NOTE: The loading limit includes all nitrogen sources including supplemental fertilizers applied to the HMU</p>	<p>150% of typical crop uptake (refer to definition in Section C of this permit)</p>
<p>Buffer Zones</p>	<p>The following minimum distances shall be provided between the buffer objects listed below and reclaimed wastewater reuse areas, unless otherwise approved under the Plan for Permit Compliance required by Compliance Activity CA-174-03 in Section E of this permit.</p> <p>Domestic Water Wells: 100 feet Irrigation Water Wells: 100 feet Municipal Water Wells: 100 feet Surface water: 50 feet (mitigation measures to prevent runoff into surface waters shall be employed)</p> <p>Inhabited Dwellings: 100 feet Areas of Public Access: 0 feet</p>
<p>Posting/Restricted Access</p>	<ol style="list-style-type: none"> 1. All areas for the reuse of reclaimed wastewater shall be posted in a manner that identifies these areas as using reclaimed wastewater for irrigation. 2. All irrigation risers, faucets, valve boxes, and vaults for the reclaimed wastewater system shall be clearly identified with the warning “Non-Potable Water” or equivalent. 3. Where access to the reclaimed wastewater is possible (hose connections, for example), provide locks or access restriction to prevent unauthorized use.

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Irrigation Scheduling	<p>Application of reclaimed wastewater in Landscape Irrigation and Public Access Areas shall occur during periods of non-use by the public. Additional restrictions may be required under the approved Plan for Permit Compliance required by Compliance Activity CA-174-03 in Section E of this permit.</p> <p>Application of reclaimed wastewater in Agricultural and Natural Open Space Areas do not require restricted irrigation scheduling.</p>
Runoff/Wellhead Protection Requirements	<p>The permittee shall manage operations and maintain structures or other best management practices (BMPs) recommended within the Plan for Permit Compliance required by Compliance Activity CA-174-03 in Section E of this permit. To prevent runoff from the reuse sites, BMPs shall be used around all areas where runoff may potentially occur. Berms and other BMPs shall be used to protect the wellhead of on-site wells and surface waters. New BMPs shall be reviewed and approved by DEQ prior to implementation.</p>
Supplemental Irrigation Water Protection	<p>For systems with wastewater and fresh irrigation water interconnections, DEQ-approved backflow prevention devices are required for protection of fresh irrigation water sources.</p>
Grazing Restriction	<p>A grazing management plan shall be submitted to DEQ for review and approval prior to any grazing activities.</p>
Odor Management Requirement	<p>The wastewater treatment plant, land application facilities, and other operations associated with the facility shall not create a public health hazard or nuisance conditions, including odors.</p>
Construction Plans	<p>Prior to construction, modification, or expansion of any wastewater facilities associated with the reuse systems, detailed plans and specifications shall be submitted and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.</p>

G. Monitoring Requirements

1. Appropriate analytical methods, as given in the *Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by DEQ, shall be employed. A description of approved sample collection methods and companion QA/QC protocol shall be included in the updated Plan of Operation, required by Compliance Activity CA-174-02 in Section E of this permit.
2. The permittee shall monitor and measure parameters and submit information as stated in the Facility Monitoring Table in this section.
3. Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
4. Monitoring locations are documented in *Appendix 1. Environmental Monitoring Serial Numbers*.
5. Monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown. Unless otherwise agreed in writing by the DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table as follows.
6. If the soil management unit is less than 15 acres, use 5 sub-samples. If the soil management unit is greater than 15 acres, use 10 sub-samples.
7. Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches. The soil samples collected at 0-12 inches from each sample location shall be composited. Similarly, all soil samples collected at 12-24 inches shall be composited and all soil samples collected at 24-36 inches shall be composited. This method will yield three samples for analysis, one for 0-12 inches, one for 12-24 inches and one for 24-36 inches for each soil management unit.
8. Annual reporting of monitoring requirements is described in *Section H. Standard Reporting Requirements*.

Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Continuously when using reclaimed effluent	Filtration System Effluent, WW-3 ^a	Turbidity	Nephelometric Turbidity Units
Daily	Flow meter, WW-1 ^a	Influent Volume	Gallons/day
Daily when using reclaimed effluent	Flow meter, WW-4 ^a	Volume of reclaimed effluent to each HMU	Gallons/day, gallons/month
Daily when using supplemental irrigation	Flow meter	Volume of supplemental irrigation to each HMU	Gallons/day, gallons/month
Daily when using reclaimed effluent	Sample point near Primary Lift Station, WW-4 ^a	Grab sample	Chlorine residual, total coliform
Monthly	Effluent from Treatment Cells, WW-2 ^a	Grab sample	Total suspended solids, 5-Day Biological Oxygen Demand

^aSampling point locations are defined in Appendix 1 of this permit.

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Monthly when using reclaimed effluent	Sample point near Primary Lift Station, WW-4 ^a	Grab sample	Total Kjeldahl Nitrogen, nitrate-nitrogen, total phosphorus, total dissolved solids
Three Times During Reclaimed Wastewater Application Season (near beginning, middle, and end)	Irrigation Control Boxes, Landscape Irrigation and Public Gathering Areas	Irrigation Control Settings	1. Record Irrigation Control Settings (Irrigation Schedules) for each Control Box. 2. Identify reuse areas associated with each irrigation control box.
Annually (March, to help guide the potential use of supplemental fertilizers)	Soil Monitoring Units	Composite Soil Sample (see Notes 6 and 7 above)	Electrical conductivity, pH, nitrate-nitrogen, ammonium-nitrogen, plant available phosphorous NOTE: Use the Olsen method for soils with pH 6.5 or greater, use Bray method if soil pH is less than 6.5
Annually	Each HMU	Acres used for the reuse of reclaimed wastewater	1. If all acres of a HMU are used, no site plan submittal is required. 2. If a portion of the HMU permitted acreage is utilized, submit a site plan showing reuse areas within the HMU and quantify the reuse acres. Identify the type(s) of irrigation equipment used.
Annually	Each HMU	Calculate Irrigation Water Requirement	Volume (inches/acre and total gallons) for each month for application season.
Annually	Each HMU	Calculate Application Season Reclaimed Wastewater Loading Rate	Volume (inches/acre and total gallons) for each month for application season.
Annually	Each HMU	Calculate Application Season Supplemental Irrigation Water Loading Rate	Volume (inches/acre and total gallons) for each month for application season.

^aSampling point locations are defined in Appendix 1 of this permit.

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Annually	Each HMU	Calculate and report total nitrogen and phosphorus loading from reclaimed wastewater	Nitrogen and phosphorus applied in lbs/acre-year
Every two years, starting with first year of permit	All flow measurement locations	Flow measurement calibration of all flows.	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly measure all wastewater, tail water, flushing water applied to each HMU.
Annually	All supplemental irrigation pumps directly connected to the wastewater distribution system	Backflow testing	Document the testing of all backflow prevention devices for all supplemental irrigation pumps directly connected to the wastewater distribution system(s). Report the testing date(s) and results of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly.

H. Standard Reporting Requirements

1. The permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year which shall cover the previous year (see section C for definition/dates of the Reuse Reporting Year). The Annual Report shall include results for monitoring required in Section G, status of compliance activities, and an interpretive discussion of monitoring data (ground water, vadose zone, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
2. The annual report shall contain the results of the required monitoring as described in Section G. Monitoring Requirements. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
3. The annual report shall be submitted to the Engineering Manager at the following address.

Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.
Wastewater Program Manager
1410 N. Hilton
Boise, ID 83706
208-373-0561
4. Notice of completion of any work described in Section E. Compliance Schedule for Required Activities shall be submitted to DEQ within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
5. All laboratory reports containing the sample results for monitoring required by Section G. Monitoring Requirements of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
 - a. Apply wastewater as evenly as practicable to the treatment area;
 - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
 - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
 - a. Manage the wastewater reuse site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
 - b. Not hydraulically overload any particular areas of the wastewater reuse site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater and include seepage tests on all lagoons per latest DEQ procedures.
7. The permittee shall allow the Director of DEQ, or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
 - a. Enter the permitted facility,
 - b. Inspect any records that must be kept under the conditions of the permit.
 - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
 - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
 - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
 - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
 - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

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- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
 - i. A description of the non-compliance and its cause;
 - ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
 - iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.

I. Standard Permit Conditions: Procedures and Reporting

- e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
- 9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
- 10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violations, and Revocations

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in I. Standard Reporting Requirements, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of the Department of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Idaho Code § 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of the Department of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted wastewater reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the wastewater reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial No.	Description	Type of Use	Acres
MU-017401	<ul style="list-style-type: none"> • Orchard (9.54 acres) • Community Farm 1 (3.62 acres) • Community Farm 2 (4.46 acres) • Community Farm 3 (5.00 acres) 	Agricultural	22.62
MU-017406	<ul style="list-style-type: none"> • North West Area (8.7 acres) • North East Area (11.0 acres)* • South Central Area (17.0 acres)* • North Central Area (3.2 acres) • South West Area (15.5 acres) • South East Area (41.1 acres)* <p>*Note: delineated wetlands are contained within some of these areas and effectively reduce the total acreage available for effluent application.</p>	Natural Open Space	78.70
MU-017407	Landscape irrigation areas. Typically found along roadways and sidewalks throughout Phases 1 through 6 of the development. Refer to blue areas on Figure A-2 in Appendix 2.	Landscape Irrigation Areas	3.60
MU-017408	Public access areas. Typically parks and open lawns throughout Phases 1 through 7 of the development. Includes school grounds. Refer to light green areas on Figure A-2 in Appendix 2.	Public Access Areas	26.96

SOIL MONITORING UNITS

Serial Number	Description	Associated MU
SU-017401	<ul style="list-style-type: none"> • Orchard • Community Farm 1 • Community Farm 2 • Community Farm 3 	MU-017401
SU-017405	<ul style="list-style-type: none"> • North West Area • North East Area • South Central Area • North Central Area • South West Area • South East Area 	MU-017406

Appendix 1
Environmental Monitoring Serial Numbers

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-017401	Influent to Treatment System (WW-1)
WW-017402	Effluent from Treatment Cells, Prior to Discharge into the Storage Reservoirs (WW-2)
WW-017403	Filtration System Effluent, Prior to Disinfection (WW-3)
WW-017404	Reclaimed Wastewater, Sample Point Located Near Primary Lift Station (WW-4)

LAGOONS

Serial Number	Description
LG-017401	Cell 1
LG-017402	Cell 2
LG-017403	Cell 3 (Storage Lagoon)
LG-017404	Cell 1a
LG-017405	Cell 3a (Storage Lagoon)

Appendix 2 Maps

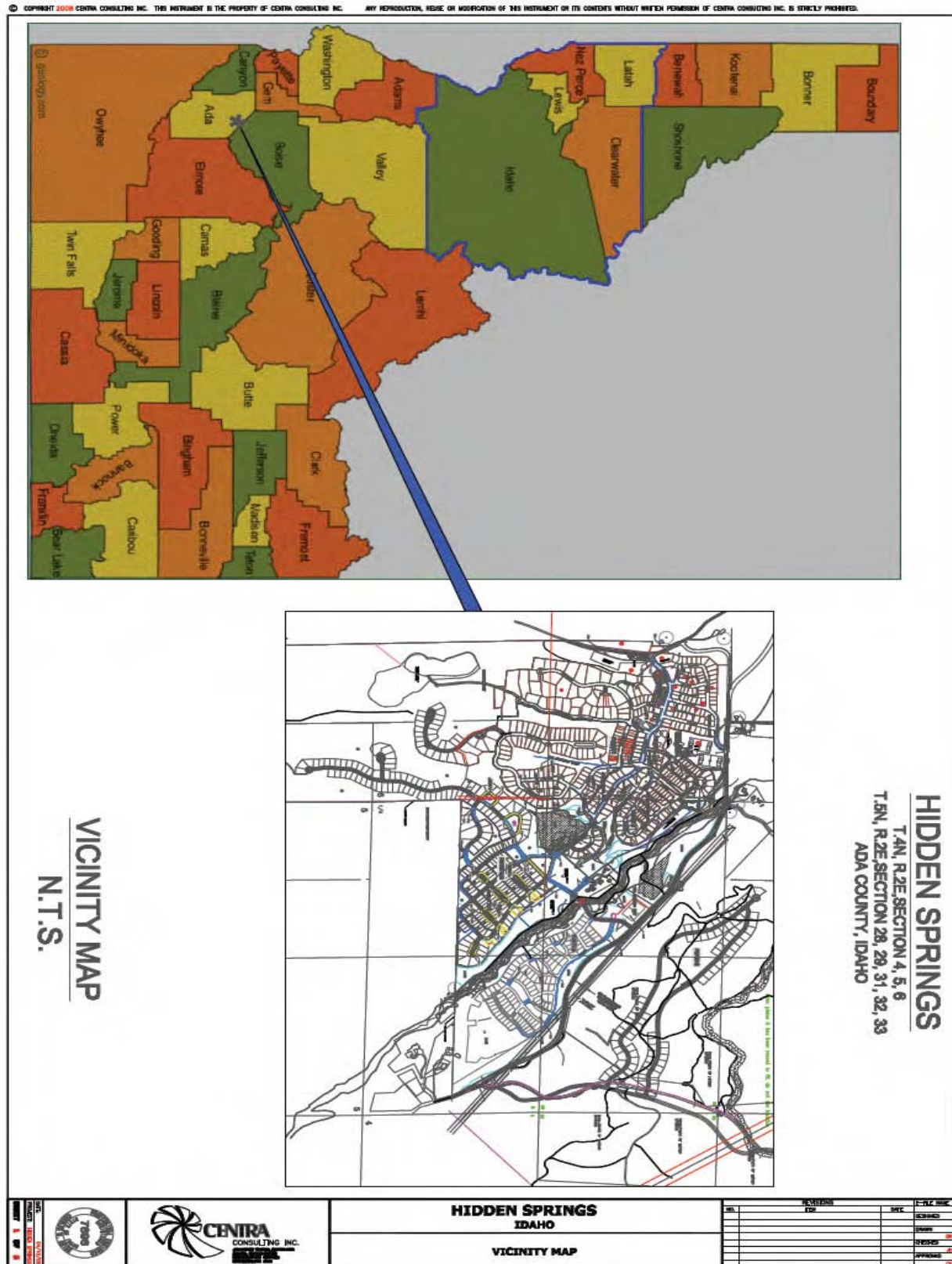


Figure A-1: Vicinity Map

Maps



Figure A-2: Hydraulic Management Units

Appendix 2 Maps

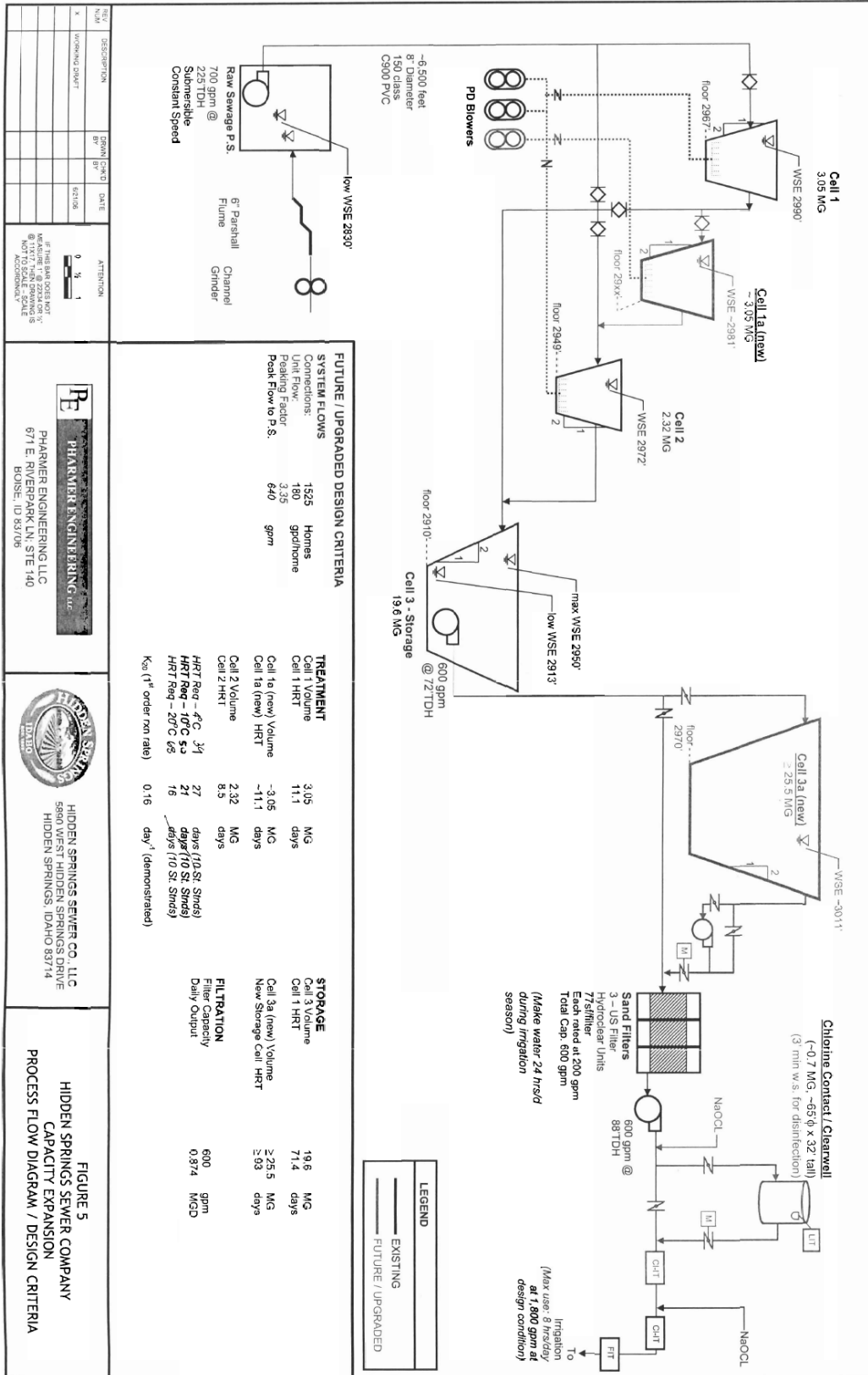


Figure A-3: WWTP Process Schematic